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ANALYTIC AND GEOMETRIC NUMBER THEORY SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

In this talk I will construct a class of probabilistic random Euler products to model the behavior of L-functions in the strip $1/2 < \text{Re}(s) < 1$. We then deduce results on the distribution of extreme values of several families of L-functions, including the Riemann zeta function in the t-aspect, Dirichlet L-functions in the q-aspect, and L-functions attached to primitive holomorphic cusp forms of weight 2 in the level aspect.